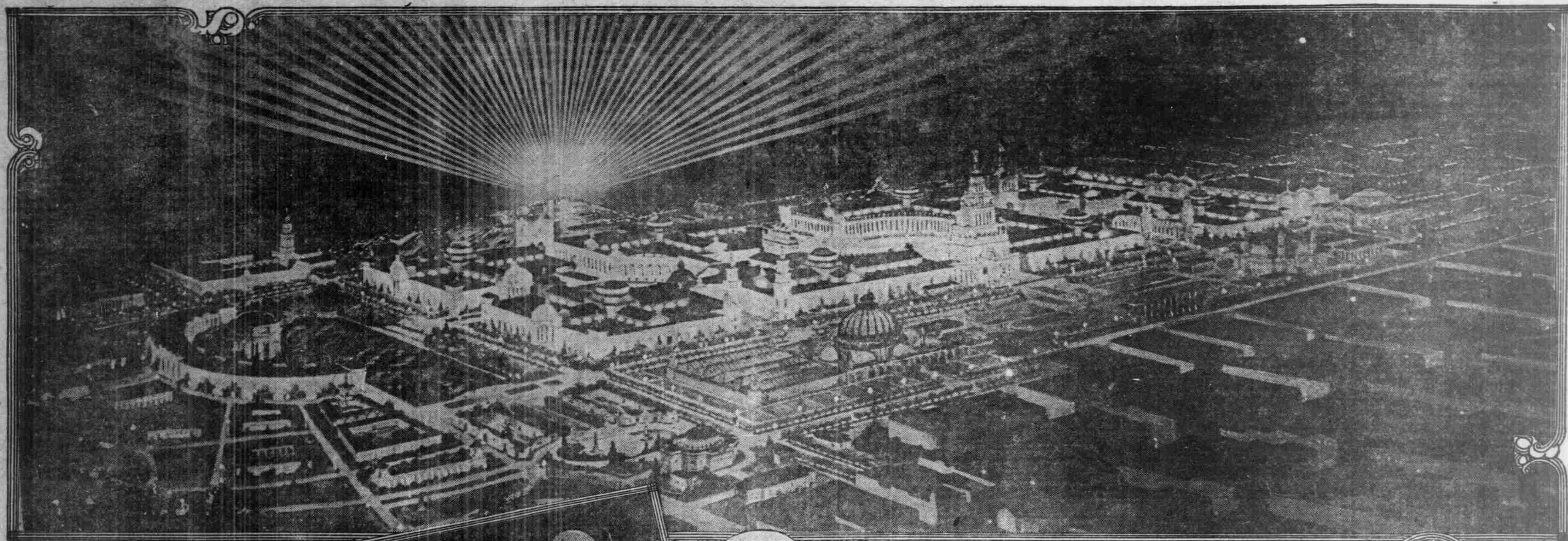
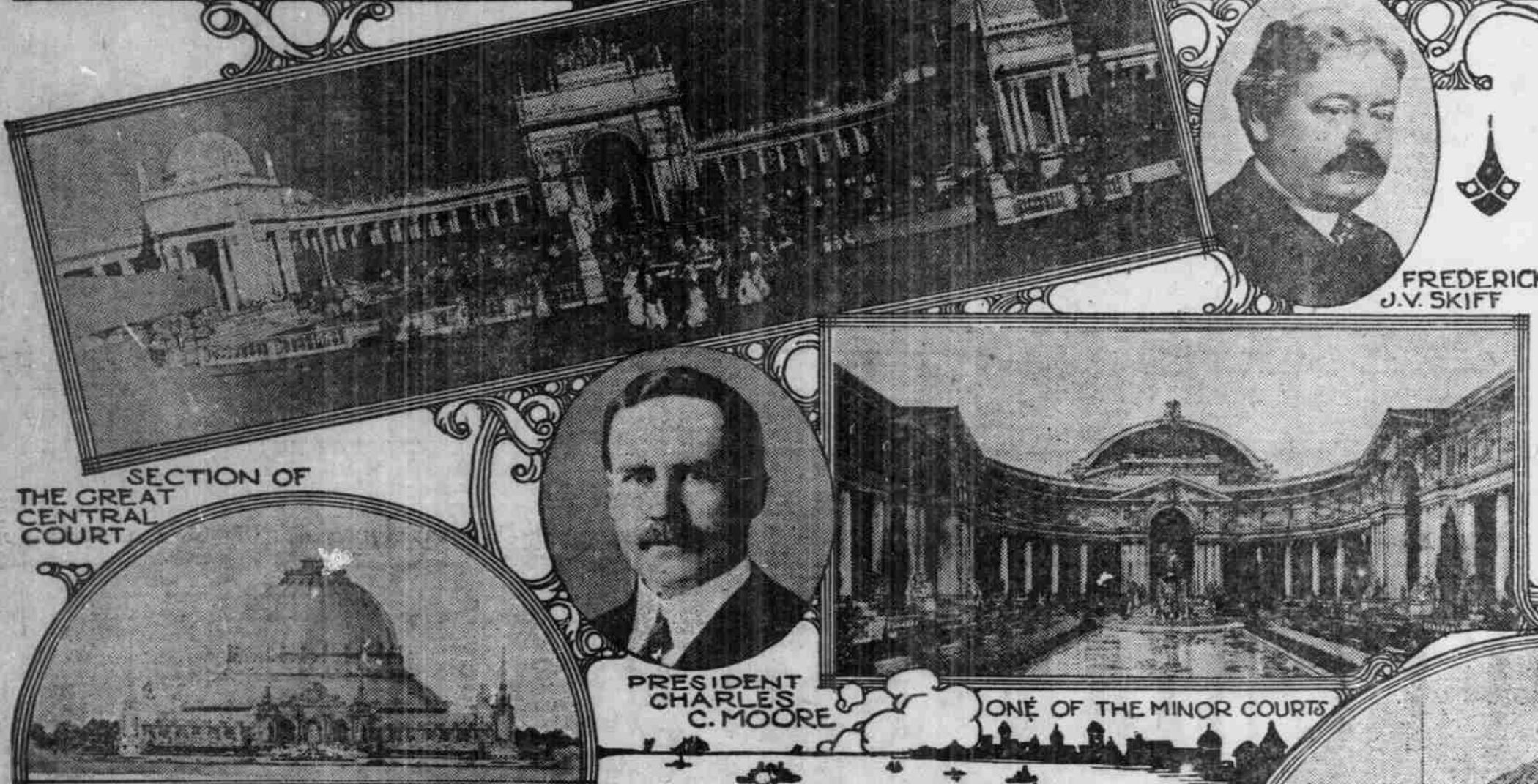


Construction Starts on Panama-Pacific Exposition



GENERAL VIEW OF THE PANAMA-PACIFIC INTERNATIONAL EXPOSITION BY NIGHT



SECTION OF THE GREAT CENTRAL COURT

HORTICULTURAL BUILDING

By HAMILTON WRIGHT.

THE plans of the architects, now given to the public through copies of the final detailed drawings for the Panama-Pacific International exposition, have taken into consideration the situation and purpose of the exposition. The exposition has been planned in huge block effects, all for great beauty and grandness. The department of works has kept in close touch with the men who are guiding the artistic destinies of the exposition. The work has been remarkable for the blending of the best ideals of those who guide its phases.

With the stupendous setting of Harbor View, with its surrounding amphitheater of hills, with the Golden Gate upon the west, the islands in the bay, the harbor, the ocean and the mountains of Marin county towering into the hundreds and often into the thousands of feet, only the broadest and boldest scheme of construction would match the giant scale which nature has provided. For more than one year a notable commission of American architects, working in harmony with celebrated colorists, sculptors and landscape gardeners, has planned for an exposition that will stand apart in its originality and splendor.

Machinery Hall Begun.

On New Year's day construction began on Machinery hall, the largest single structure and the first of the great exposition palaces. It will be finished in 248 days. This will bring the structure to completion by August next, and by that date every one of the huge main exhibit palaces that will house general exhibits will be under process of construction. All of the fourteen main exhibit palaces will be completed by June, 1914. This will permit the adornment of the exposition grounds with several hundred thousand rare trees, plants and shrubs, which are being grown in nurseries. By June, 1914, the exhibits of the world may be unloaded on the exposition grounds from the steamships which have borne them from all parts of the globe.

Thirty-five states have taken legislative action toward participation; twenty-five of the nations of the world have accepted President Taft's invitation to join with America in celebrating America's greatest achievement; more than 800 applications for exhibit space have been received, and many of the displays will range in value from \$200,000 to \$300,000; more than 2,000 applications for concessions have been received by Director of Concessions Burt. Some of these concessions are unusual, original and striking. Several of

them will cost \$250,000 and upward. Among these, it may be observed, is a particularly appropriate concession, a miniature of the Panama canal, with a "twenty minute trip through the canal."

Like a Huge Amphitheater.

The exposition grounds, at Harbor View, are 15,000 feet east and west and one mile in greatest width. The site, occupying 625 acres, lies as the floor of a huge amphitheater, encircled on the east, south and west by the hills of San Francisco, with homes rising in terraces on the one hand and the forest clad slopes of the Presidio on the other. On the north the Exposition City will face on San Francisco bay.

There will be three great groups of palaces at Harbor View as one looks toward the exposition from the harbor. The center group will comprise fourteen palaces, to be devoted to general exhibits. The left hand group will comprise the concessions center, occupying sixty-five acres, and the right hand group will include the buildings of the states and the pavilions of the foreign nations, rising in terraces upon the slopes of the Presidio reservation.

The main group of exhibit palaces, facing upon the harbor for 4,500 feet, will present an effect as of almost a single palace. Eight of the buildings of the group will be joined in a rectangle to form almost a huge oriental bazaar—a veritable walled city, with its domes, towers, minarets and great interior courts. The upper portion of the tower will run an outside wall sixty-five feet in height and broken only by a number of stupendous entrance ways which will give access to the three great interior courts and their approaches. The group will be divided from north to south, in the center the Court of Sun and Stars, designed by Messrs. McKim, Mead and White. On the left the walled city will be divided from north to south by the Festive Court and on the right by the Court of Four Seasons.

Court of Sun and Stars.

Most imposing and largest of all the courts will be the grand court of honor—



ITALIAN TOWER, WEST SOUTH COURT. FACADE IN FESTIVE COURT

—the Court of Sun and Stars, 750 feet in width from east to west and 900 feet along its main axis. At the south end of the court will be the huge tower, designed by Messrs. Carrere & Hastings, rising 400 feet in height and dominating the architecture of the exposition. The upper portion of the tower will take the form of terraces leading up to a group of figures surrounding a globe typifying the world. The tower will be studded with jewels, which will glitter like diamonds when searchlights are turned upon them. At the base of the tower, which will occupy an acre in extent, will be a huge arcade 125 feet high, beneath which the visitor may enter into the Court of Sun and Stars from the south garden. In the vaulted archways of the tower itself will be grouped a series of mural paintings designed by Mr. Jules Guerin and expressing the keynote of the exposition color scheme.

But perhaps the most impressive feature of the Court of Sun and Stars will be found in a superb classic colonnade extending entirely around the court and surmounted upon the one side by figures designed to represent the spirit of the east and on the other the spirit of the west. These figures, of which there will be 110, will be fourteen feet in height, and each will stand out in radiance through a crown of dazzling jewels of light.

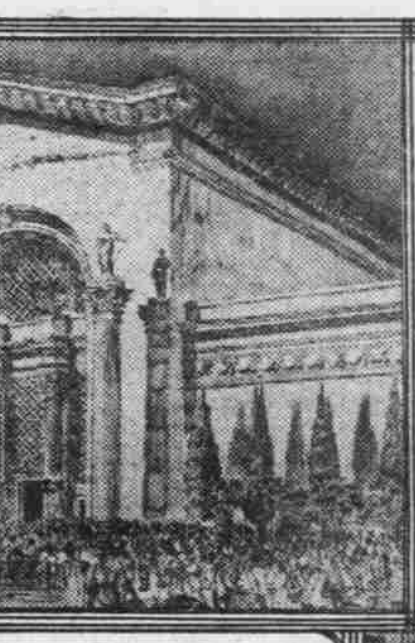
In the center of the court will be a great sunken garden about five feet lower than the level of the court and encircled by benches for the sightseer.

Court of Four Seasons.

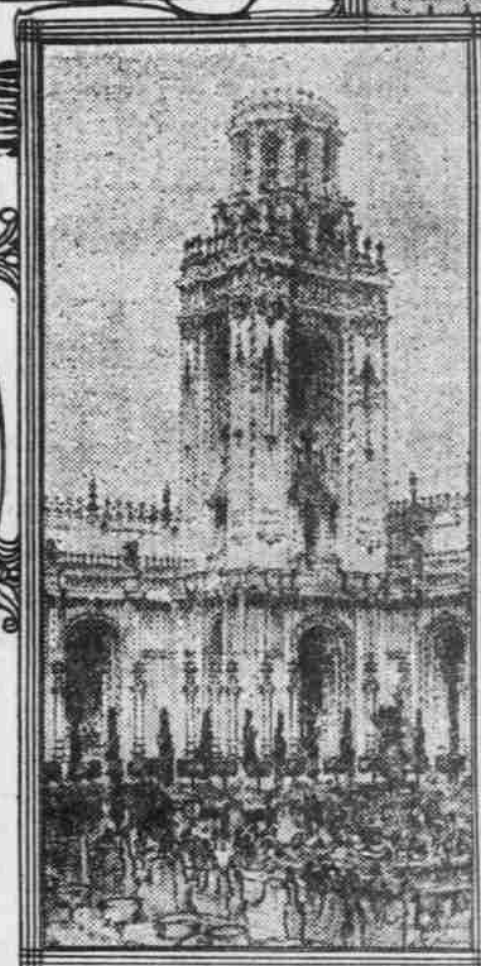
Going toward the west one will pass from the Court of Sun and Stars through a huge commemorative arch, greater in size than the Arc de Triomphe at Paris, to the Court of Four Seasons. To the east one will pass

through a similar triumphal arch to the east or Festive Court. The arch upon the east will be surmounted by a grouping of colossal statuary—camels, elephants and oriental warriors, the group symbolizing the civilization of the orient. The arch upon the west will be surmounted by a group representing western civilization. A great prairie schooner, drawn by oxen, will comprise the center motif of the group, typifying the advance of Anglo-Saxon civilization across the plains of America to the shores of the Pacific.

The ornamentation upon the water front will be upon a colossal scale. The Court of Four Seasons, opening upon the harbor, will be entered through a stupendous gateway, the Gate of Columbus. The visitor will pass through the gateway beneath a great tower to the esplanade upon San Francisco bay. Directly before the tower will be seen a colossal figure of Columbus, facing



MACHINERY HALL



ECHO TOWER IN FESTIVE COURT

the water. Ornamenting the tower in recesses will be figures representing the great voyagers of the world.

Before the entrance to the grand Court of Sun and Stars upon the bay will be a colossal column whose spirals will depict man's climb toward success, and at the summit of the column will be a figure representing achievement. Between the Agricultural and Transportation buildings, at the northern axis of the Court of Sun and Stars, will be a great pool. On the left and before the Court of Four Seasons will be the gates of Balboa, before which will be a colossal statue of the discoverer of the Pacific ocean.

Vast Banks of Flowers.

Everywhere flowers and mosaics will be employed to gain brilliant contrasts. At the entrance and throughout the grounds will be vast banks of flowers. Pools of lotus and water lilies, palms and cypresses, orange trees in fruit and in blossom, will contrast with the classic facades, colonnades and statuary. In the great inner courts, whose sides will be the walls of the exposition palaces, cerulean blue, burnt orange, vermilion and gold will predominate. An ivory yellow, rich and soft in tone, will be the prevailing tint of the exposition as a whole. Perhaps the tint may be best described as a tawny buff several shades removed from white. At a distance it will appear almost white, but there will be no glaring reflections. At a conservative estimate more than

\$30,000,000 will have been expended upon the exposition from all sources by its opening day.

The illumination of the exposition will be one of its most beautiful features and will harmonize with its color plan. In the last few years the study of illumination upon a vast scale has become not only a very real science, but an art. Mr. W. D. A. Ryan, who had charge of the illumination of Niagara falls of the Hudson-Fulton celebration and who has taken a contract for the lighting of the Panama canal, is director of illumination. Throughout the entire exposition the illumination will be such as to bring out the colors of the courts in their proper tones, to sharpen and intensify the color effects. The illumination of the colonnades will be accomplished through purple lights. The windows of the exposition palaces will diffuse a golden ray. Against the reds and ochers, the grays and browns of the various courts and the golden streets the bright diffused lights will produce wonderful and changing color effects. The summits of the towers and minarets will stand out boldly lined with electric incandescents. Giant batteries of colored searchlights will be anchored in the harbor before Harbor View and will play against huge jets of steam and smoke that will be liberated high in the heavens. In the courts concealed lighting will be employed, and this will bring out the bas-reliefs and mosaics of the courts. At night the exposition will seem alive and not closed up and dreary.

Picked Out in Colors.

While the walls of the exposition buildings will be a faint buff tone, the great entrances, surmounted by towers, will all be picked out in colors. These towers, rising from 160 to 270 feet, will contain many niches with statuary, and blue, gold and yellow will be the predominating colors.

The classification of exhibits at the Panama-Pacific International exposition will be a step in advance of that applied at former universal exhibitions. The dominant note of the exposition is educational, and the achievements and activities of the world are to be brought together for examination and study by its experts. The assemblage of representative types of the products of art and industry so that these shall convey the greatest lesson has come to be an art in itself.

At San Francisco the displays, though comprehensive, will be selective. The perfect type will be sought and quality rather than quantity considered. The exposition will be entirely contemporaneous as far as awards are concerned, and no commercial article manufactured before 1905 will be reviewed.